

Survey No. HA-1847
Building 5010
Aberdeen Proving Ground
Harford County, Maryland

Maryland Comprehensive Historic Preservation Plan Data

Geographic Organization: Piedmont
Chronological/Development Period: A.D. 1930-Present
Historic Period Theme: Military

Resource Type:

Category: Building
Historic Environment: Military Installation
Historic Function(s) and Use(s): Incinerator
Known Design Source: Construction Division, Office of the Quartermaster General

**Maryland Historical Trust
State Historic Sites Inventory Form**

MARYLAND INVENTORY OF
HISTORIC PROPERTIES

Survey No. HA-1847

Magi No.

DOE yes no

1. Name (indicate preferred name)

historic Building 5010 (preferred)

and/or common Incinerator

MAY 9 1994

2. Location

street & number Off Boothby Hill Road, Aberdeen Proving Ground

NA not for publication

city, town Aberdeen X vicinity of congressional district 2

state Maryland county Harford

3. Classification

Category	Ownership	Status	Present Use
<u> </u> district	<u>X</u> public	<u> </u> occupied	<u> </u> agriculture <u> </u> museum
<u>X</u> building(s)	<u> </u> private	<u>X</u> unoccupied	<u> </u> commercial <u> </u> park
<u> </u> structure	<u> </u> both	<u> </u> work in progress	<u> </u> educational <u> </u> private residence
<u> </u> site	Public Acquisition	Accessible	<u> </u> entertainment <u> </u> religious
<u> </u> object	<u> </u> in process	<u> </u> yes: restricted	<u> </u> government <u> </u> scientific
	<u> </u> being considered	<u>X</u> yes: unrestricted	<u> </u> industrial <u> </u> transportation
	<u>X</u> not applicable	<u> </u> no	<u>X</u> military <u> </u> other:

4. Owner of Property (give names and mailing addresses of all owners)

name Dept. of the Army, Aberdeen Proving Ground

street & number Real Estate Section, Directorate of Public Works telephone no.: (410) 278-7688

city, town Aberdeen Proving Ground state and zip code MD 21005-5001

5. Location of Legal Description

courthouse, registry of deeds, etc. Real Estate Section, DPW liber

street & number folio

city, town Aberdeen Proving Ground state MD

6. Representation in Existing Historical Surveys

title Historic American Engineering Record MD-47

date 1982 X federal state county local

pository for survey records Library of Congress, Prints and Photographs Division

city, town Washington state D.C.

7. Description

Survey No. HA-1847

Condition

☐ excellent
☐ good
☐ fair

☒ deteriorated
☐ ruins
☐ unexposed

Check one

☒ unaltered
☐ altered

Check one

☒ original site
☐ moved date of move _____

Prepare both a summary paragraph and a general description of the resource and its various elements as it exists today.

(See Continuation Sheet)

8. Significance

Survey No. HA-1847

Period	Areas of Significance—Check and justify below			
<input type="checkbox"/> prehistoric	<input type="checkbox"/> archeology-prehistoric	<input type="checkbox"/> community planning	<input type="checkbox"/> landscape architecture	<input type="checkbox"/> religion
<input type="checkbox"/> 1400–1499	<input type="checkbox"/> archeology-historic	<input type="checkbox"/> conservation	<input type="checkbox"/> law	<input type="checkbox"/> science
<input type="checkbox"/> 1500–1599	<input type="checkbox"/> agriculture	<input type="checkbox"/> economics	<input checked="" type="checkbox"/> literature	<input type="checkbox"/> sculpture
<input type="checkbox"/> 1600–1699	<input type="checkbox"/> architecture	<input type="checkbox"/> education	<input checked="" type="checkbox"/> military	<input type="checkbox"/> social/
<input type="checkbox"/> 1700–1799	<input type="checkbox"/> art	<input type="checkbox"/> engineering	<input type="checkbox"/> music	<input type="checkbox"/> humanitarian
<input type="checkbox"/> 1800–1899	<input type="checkbox"/> commerce	<input type="checkbox"/> exploration/settlement	<input type="checkbox"/> philosophy	<input type="checkbox"/> theater
<input checked="" type="checkbox"/> 1900–	<input type="checkbox"/> communications	<input type="checkbox"/> industry	<input type="checkbox"/> politics/government	<input type="checkbox"/> transportation
		<input type="checkbox"/> invention		<input type="checkbox"/> other (specify)

Specific dates 1941 **Builder/Architect** Construction Division Office of the

check: Applicable Criteria: ☒ A ☐ B ☒ C ☐ D Quartermaster General
and/or

Applicable Exception: ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ G

Level of Significance: ☐ national ☐ state ☒ local

Prepare both a summary paragraph of significance and a general statement of history and support.

(See Continuation Sheet)

9. Major Bibliographical References

Survey No. HA-1847

(See Continuation Sheet)

10. Geographical Data

Acreage of nominated property > .5 acreQuadrangle name PerrymanQuadrangle scale 1:24000

UTM References do NOT complete UTM references

A

Zone	Easting					Northing			

B

Zone	Easting					Northing			

C

--	--	--	--	--	--	--	--	--	--

D

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E

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F

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G

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H

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Verbal boundary description and justification

(See Continuation Sheet)

List all states and counties for properties overlapping state or county boundaries

state Maryland code county Harford code

state code county code

11. Form Prepared By

name/title W. Patrick Giglio/Architectural Historianorganization R. Christopher Goodwin & Assoc., Inc. date April 1994street & number 337 E. Third Street telephone (301) 694-0428city or town Frederick state Maryland

The Maryland Historic Sites Inventory was officially created by an Act of the Maryland Legislature to be found in the Annotated Code of Maryland, Article 41, Section 181 KA, 1974 supplement.

The survey and inventory are being prepared for information and record purposes only and do not constitute any infringement of individual property rights.

return to: Maryland Historical Trust
Shaw House
21 State Circle
Annapolis, Maryland 21401
(301) 269-2438

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Survey No. HA-1847
Building 5010
Aberdeen Proving Ground
Harford County, Maryland

7. DESCRIPTION

Building 5010 is a detached incinerator. It is one of a pair of nearly identical incinerators located south of Boothby Hill Avenue in the Aberdeen Area of Aberdeen Proving Ground. The incinerator was constructed from plans drawn by the Construction Division of the Office of the Quartermaster General. The two incinerators are separated by an earthen ramp, which aided the unloading of garbage.

Building 5010 is one story with a full basement. The basement walls are constructed of exposed, poured reinforced concrete and are detailed with recessed horizontal bands. The first floor employs a steel-frame structural system with metal framing and corrugated metal siding. The building has a low pitched, corrugated metal gable roof supported by half-trussed rafters. The roof is topped with a large, centrally located metal ventilator. A detached brick chimney approximately 40 ft in height is located west of the main structure. The building has paired six-over-six-light, metal-frame awning windows. A raised concrete loading platform extends along the south elevation of the structure. Building 5010 currently is used for the bulk mixing and storage of pesticides. Access into the building was not allowed.

Historically, garbage was unloaded onto the raised platform from trucks parked on the earthen ramp. Refuse then was moved to the enclosed first floor, known as the charging room. The refuse was shoveled into the incinerator through a hole in the floor. The incinerator compartments were oil-fueled, brick-lined combustion chambers located in the basement. Waste was fired and finished using oil; the material was allowed to burn naturally when possible. Smoke stack temperatures were maintained above 225° C during burning (U.S. Army Environmental Hygiene Agency 1989:815). Ash was removed from the incinerator from the basement level, through a large sliding metal door located on the rear elevation. The basement is connected to the first floor by an interior concrete stairway.

Later additions included a corrugated metal shed roof attached to the main building, which covered the raised concrete unloading platform on the north elevation. Part of the shed-roofed area was enclosed with corrugated metal siding to create an office. Access to the enclosed office was gained through a front-facing wooden door and steps.

CONTRIBUTING RESOURCE COUNT: 1

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Harford County, Maryland

8. SIGNIFICANCE

Summary

Building 5010 functioned as a minor support structure to support World War II training activities at the Ordnance School. The building is a simply-styled utilitarian structure that does not possess high artistic value or reflect the work of a master. Although this structure retains its original functional design, research does not indicate that this design reflects unique or innovative technologies in sanitation engineering (Criterion C). In addition, this building does not illustrate the primary education mission of the Ordnance School (Criterion A) and is not associated with any important personage (Criterion B). Therefore, Building 5010 does not possess those qualities of significance necessary for listing in the National Register of Historic Places.

History

Building 5010, built in 1941 as an incinerator, was constructed as part of the World War II expansion of the Ordnance School training facilities at Aberdeen Proving Ground. As part of the pre-war mobilization efforts, the War Department ordered that the construction of the Ordnance School be accelerated and that its program be expanded. Between December 1940 and June 1941, three permanent school buildings planned during the 1930s were completed and comprised the core of the Ordnance School. Other permanent buildings constructed during this time included applied educational buildings, maintenance shops, heating plants, and incinerators. A major component of the World War II expansion of the school included the establishment of four temporary mobilization cantonments, constructed on agricultural land acquired west of the original installation. This temporary cantonment, referred to as Camp Rodman, contained barracks, mess halls, day rooms, and administration buildings. By 1943, the Ordnance School comprised over 300 temporary buildings, extending westward along Aberdeen Road (National Archives, RG 156, Entry 646, Box 638, Aberdeen Ordnance School).

Building 5010 served as a minor support structure to Camp Rodman. During much of the time that the incinerator was in service, the facility was used to burn general sanitary wastes produced at Camp Rodman. This utilitarian structure is situated south of Boothby Hill Avenue, south of the Quartermaster support and the permanent Ordnance School buildings. The Quartermaster support area is comprised of wood-frame temporary World War II mobilization warehouses.

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Building 5010
Aberdeen Proving Ground
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9. MAJOR BIBLIOGRAPHIC REFERENCES

Goodwin, R. Christopher, Katherine Grandine, Thomas W. Davis, Christopher R. Polglase, Kathryn M. Kuranda, Leo P. Hirrel, Tom Dod, Timothy Silva, S. Justine Woodard, Bethany M. Usher

1993a *Aberdeen Proving Ground Cultural Resource Management Plan*. Prepared by R. Christopher Goodwin & Associates, Inc., for Corps of Engineers, Baltimore District, Baltimore, Md. Draft Report.

Goodwin, R. Christopher, Kathryn M. Kuranda, W. Patrick Giglio, Katherine Grandine

1994 *Architectural Survey and Assessment of Five Buildings at Aberdeen Proving Ground (APG), Aberdeen, Maryland*. Prepared for Department of the Navy, Atlantic Division, Naval Facilities Engineering Command.

Grandine, Katherine, Irene Jackson Henry, and William R. Henry Jr.

1982 *DARCOM Historic Building Inventory: Aberdeen Proving Ground, Maryland*. Prepared by the National Park Service Historic American Buildings Survey.

U.S. Army Environmental Hygiene Agency

1989 *RCRA Facility Assessment, Aberdeen Area*. Aberdeen Proving Ground, Maryland.

ARCHIVAL SOURCES

Aberdeen Proving Ground

Directorate of Public Works. Map collections, real property records, architectural drawing archives.

Library of Congress

Prints and Photographs Division. Historic American Buildings Survey/Historic American Engineering Record.

National Archives

Records of the Office of Chief of Engineers. RG 77, Completion Reports, Aberdeen Proving Ground and Edgewood Arsenal, 1917-1943.

Records of the Office of the Quartermaster General. RG 92, Construction Division, Completion Reports, Aberdeen Proving Ground and Edgewood Arsenal, 1917-1940.

Section 9.2

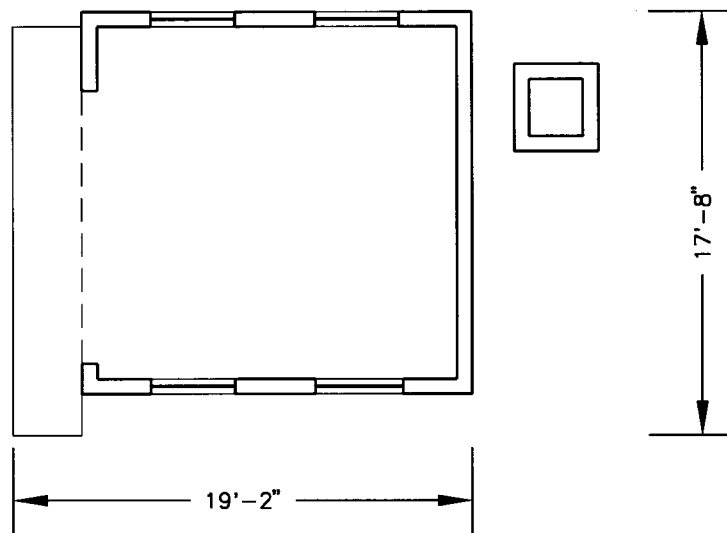
Records of the Chief of Ordnance. RG 156, Histories of Ordnance Installations, 1940-1945 (Entry 646).

Records of the Chief of Ordnance. RG 156, Ordnance Proving Grounds, 1940-1945 (Entry 646A).

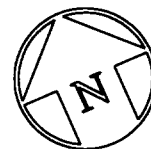
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10. GEOGRAPHICAL DATA

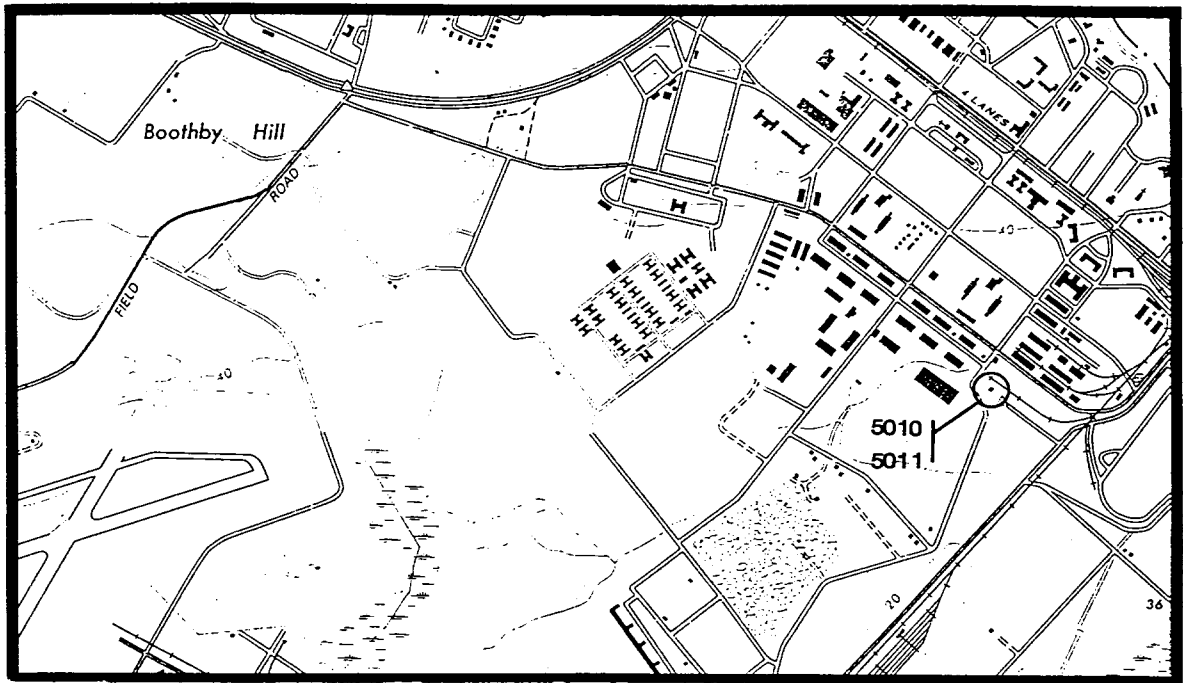
Building 5010 is located south of Boothby Hill Avenue in the Aberdeen Area of Aberdeen Proving Ground. The boundaries of the property are the footprint of the building and is the original placement of the structure when it was constructed in 1941.



HA-1847
 Building 5010
 Aberdeen Area,
 Aberdeen Proving Ground
 Harford County
 Plan from 1941
 Gus Fohey
 First Floor



SCALE: 1/8" = 1'-0"



HA-1847
Building 5010
Aberdeen Area, Aberdeen Proving Ground
Harford County
Perryman Quadrangle



HA-1847

Building 5010

Aberdeen Proving Ground

Harford County, Maryland

Reed Macmillan

10/93

Directorate of Safety, Health, and Environment, APG

View facing North

1 of 2



HA-1847

Building 5010

Aberdeen Proving Ground
Harford County, Maryland

Reed Macmillan

10/93

Directorate of Safety, Health and Environment, RPG-

View facing South

2 of 2